

Converting Colors

XYZ(45.2200, 45.8177, 48.8481)

Have a look what the booklet for
XYZ(45.2200, 45.8177, 48.8481)
contains.

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Color

**XYZ(45.0940, 45.6461,
49.0817)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB1B3
RGB	190, 177, 179
RGB Percent	75%, 69%, 70%
CMY	0.2549, 0.3059, 0.2980
CMYK	0.00, 0.07, 0.06, 0.25
HSL	351°, 9%, 72%
HSV	351°, 7%, 75%
XYZ	45.0940, 45.6461, 49.0817
YIQ	181.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

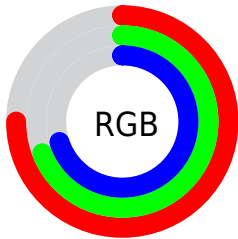
Format	Color
RYB	190, 177, 179
Decimal	12497331
CIELab	73.32, 4.99, 0.64
CIElCh	73, 5.030, 7.334
Yxy	45.6461, 0.3225, 0.3265
Android (android.graphics.Color)	4290687411 (0xFFBEB1B3)
YUV	181.1150, -1.0427, 7.7921
Hunter-Lab	67.5619, 0.9060, 4.2209

Details

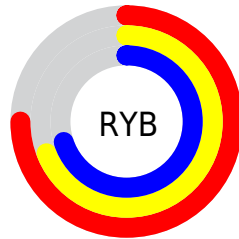
The XYZ color **45.0940, 45.6461, 49.0817** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6237, 49.8060, 54.7882**, and the grayscale version is **43.9870, 46.2777, 50.3965**.

A 20% lighter version of the original color is **82.1403, 83.8688, 90.4563**, and **21.2901, 21.2400, 22.7163** is the 20% darker color. If you saturate the color by 10%, you get **40.0668, 38.0440, 39.8443**, and if you desaturate by 10%, it is **50.8361, 54.3731, 59.4943**.

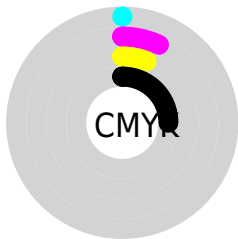
Distribution



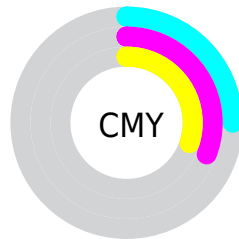
- Red (75%)
- Green (69%)
- Blue (70%)



- Red (75%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (25%)



- Cyan (25%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0940, 45.6461, 49.0817 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 45.0940, 45.6461, 49.0817 by changing the saturation by 10% instead.

■ 45.0940, 45.6461,
49.0817

■ 45.0940, 45.6461,
49.0817

357.9314,
369.3840, 399.6956

■ 31.7331, 31.9666,
34.3182

■ 82.0976, 83.6891,
90.1950

■ 21.3123, 21.3360,
22.8588

106.4711,
108.8214, 117.3820

■ 13.4662, 13.3698,
14.2850

135.2460,
138.5402, 149.5472

■ 7.8296, 7.6837,
8.1781

168.7879,
173.2298, 187.1091

■ 4.0370, 3.8932,
4.1197

207.4620,
213.2745, 230.4864

■ 1.7231, 1.6140,
1.6913

251.6337,

■ 0.4706, 0.3670,

259.0589, 280.0975

0.3547

301.6684,
310.9673, 336.3611

■ 0.0000, 0.0000,
0.0000

■ 45.0940, 45.6461,
49.0817

■ 45.0940, 45.6461,
49.0817

■ 40.0668, 38.0440,
39.8443

■ 50.8361, 54.3731,
59.4943

■ 35.7225, 31.5153,
31.7379

■ 57.3155, 64.2619,
71.1184

■ 32.0328, 26.0134,
24.7196

■ 64.5585, 75.3552,
83.9925

■ 28.9655, 21.4858,
18.7429

■ 72.5891, 87.6917,
98.1523

■ 26.4859, 17.8756,
13.7577

■ 75.0454, 89.6873,
107.9638

■ 24.5558, 15.1198,
9.7099

■ 23.1325, 13.1474,
6.5401

■ 22.1665, 11.8760,
4.1817

■ 21.5933, 11.1947,
2.5567

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.9736, 45.6461, 51.6016



45.0940, 45.6461, 49.0817



44.7516, 45.6461, 46.8051

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.0940, 45.6461, 49.0817



42.3620, 45.6461, 45.9278



42.7332, 45.6461, 54.3322

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.0940, 45.6461, 49.0817



45.6237, 49.8060, 54.7882

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.0470, 45.6461, 52.7136



45.0940, 45.6461, 49.0817



41.8347, 45.6461, 47.8474

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.0940, 45.6461, 49.0817



43.1685, 45.6461, 45.0248



41.7202, 45.6461, 50.3252



43.6027, 45.6461, 54.6899

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.0940, 45.6461, 49.0817



44.3097, 45.6461, 45.7123



41.7202, 45.6461, 50.3252



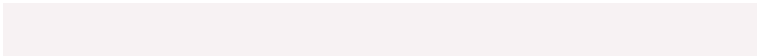
42.4738, 45.6461, 53.9149

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.0953, 45.6481, 49.0827



86.5558, 90.0632, 97.7451



45.7158, 45.8342, 55.1531



19.0300, 19.8122, 21.5059



92.9021, 97.7402, 106.4391



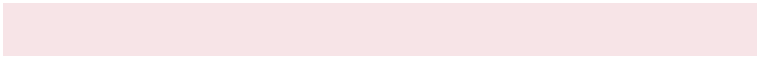
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.0953, 45.6481, 49.0827



80.4720, 80.8310, 86.6676



45.7641, 47.3066, 48.3164



9.5883, 9.5596, 10.2211



14.2881, 7.3464, 1.5449



0.5789, 0.2954, 0.1615

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.0953, 45.6481, 49.0827



80.4720, 80.8310, 86.6676



44.9161, 48.0438, 55.6218



9.5883, 9.5596, 10.2211



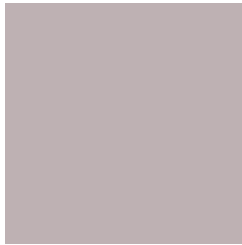
14.2881, 7.3464, 1.5449



0.5789, 0.2954, 0.1615

Previews

White Background



This preview shows how the XYZ color 45.0940, 45.6461, 49.0817 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 45.0940, 45.6461, 49.0817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

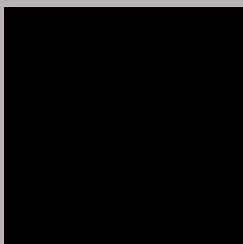
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

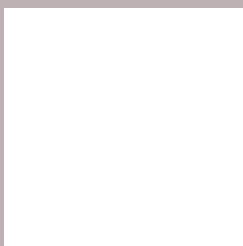
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0940, 45.6461, 49.0817

Background



This preview shows how black text looks on a background with the XYZ color 45.0940, 45.6461, 49.0817.



This preview shows how white text looks on a background with the XYZ color 45.0940, 45.6461,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.0940, 45.6461, 49.0817

Protanopia

43.8868, 45.6028, 49.6692

Deuteranopia

46.4002, 45.4377, 49.5048



Tritanopia

46.0011, 45.4104, 54.4847

Trichromacy



Original Color

45.0940, 45.6461, 49.0817

Protanomaly

44.4083, 45.5752, 49.6363

Deuteranomaly

45.8163, 45.4246, 49.5331

Tritanomaly

45.7681, 45.6298, 52.2941

Monochromacy



Original Color

45.0940, 45.6461, 49.0817

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.3266, 46.1282, 49.7474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0940, 45.6461, 49.0817 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(190, 177, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 177, 179) }
```

Border

The CSS property to change the border of an element to XYZ 45.0940, 45.6461, 49.0817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 177, 179) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 177, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(190, 177,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0940, 45.6461, 49.0817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 177, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
177, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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